Index of Claims



Application/Control No.

09/973,795 Examiner

Michael C. Maskulinski

Applicant(s)/Patent under Reexamination

ONO, KAZUYA

Art Unit

2113

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected Ν Interference

Appeal Α O Objected

| | | L | 1 | | | | ı | | Щ | <u> </u> | | |
|-------|--|--|----------|--------------|--------------|--------------|----------|--------------|--|--|--|--|
| Cla | aim | Date | | | | | | | | | | |
| | | 50/ | | | | | Ĭ | | | | | |
| Final | Original | 4/16/05 | | | | | | | | | | |
| | 1 3 4 5 6 | <u>/</u> | | _ | | | | | | L | | |
| | 2 | <u> </u> | | | | | | | | | | |
| | 3 | √ | | _ | | | | | | | | |
| | 4 | 1 | _ | | _ | _ | _ | _ | _ | _ | | |
| | 5 | ~ | | <u> </u> | | | | | | | | |
| | 6 | Ξ | | _ | | _ | | | <u> </u> | | | |
| | _ | • | | | | L | | | _ | | | |
| | 8 9 | = / | <u> </u> | | | <u> </u> | | | _ | _ | | |
| | 9 | ΙΞ, | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | | | _ | | |
| | 10 | <u> </u> | _ | <u> </u> | | | | | | | | |
| | 14 | Ļ, | | | _ | | | | | | | |
| | 12 | V | | | _ | | _ | | | _ | | |
| | 12 13 14 15 17 18 19 20 21 22 23 24 25 26 27 28 29 | \ \ \ \ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ŀ_ | ļ | <u> </u> | | |
| | 14 | V | ļ_ | _ | <u> </u> | | _ | <u> </u> | _ | | | |
| | 15 | V | | _ | _ | | | | | | | |
| | 18 | <u> </u> | | | <u> </u> | | | | | ļ | | |
| | 17 | V, | | _ | <u> </u> | | | | _ | <u> </u> | | |
| | 18 | V | | <u> </u> | <u> </u> | | _ | | | - | | |
| | 19 | V | ļ | - | | | <u> </u> | | | | | |
| - | 20 | V | | _ | _ | | <u> </u> | | | _ | | |
| | 21 | - | | | <u> </u> | | <u> </u> | | | _ | | |
| | 22 | V, | | | | | - | | | <u> </u> | | |
| | 23 | ノ ノ く と ノ ノ と ノ と ノ | <u> </u> | | <u> </u> | | <u> </u> | | | <u> </u> | | |
| | 24 | V | | | _ | | _ | | | - | | |
| | 25 | = | | | | | <u> </u> | | | | | |
| | 26 | V | | | ⊢ | | _ | | | | | |
| | 27 | ┡ | | | _ | | <u> </u> | | | _ | | |
| | 28 | H | _ | | _ | | | _ | | - | | |
| | 29 | | <u> </u> | | <u> </u> | | _ | | | - | | |
| | 30 31 | _ | <u> </u> | <u> </u> | <u> </u> | | _ | <u> </u> | _ | ⊢ | | |
| | 31 | H | - | | _ | | | - | | ┝ | | |
| | 32 33 | H | - | | ┝ | | | <u> </u> | | - | | |
| | 34 | - | | _ | | - | _ | - | | ├ | | |
| | | | <u> </u> | _ | ⊢ | | | <u> </u> | , | \vdash | | |
| | 35 | | - | | | | | \vdash | | \vdash | | |
| | 36 37 | | - | | | | <u> </u> | <u> </u> | | | | |
| | 3/ | \vdash | \vdash | | | | - | <u> </u> | | | | |
| | 38 39 | \vdash | \vdash | \vdash | _ | <u> </u> | \vdash | \vdash | \vdash | \vdash | | |
| | 39 | \vdash | \vdash | \vdash | - | | ├ | | | \vdash | | |
| | 40 41 | \vdash | \vdash | | | | ├ | | ├ | | | |
| | 41 | - | - | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | |
| | 42 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | |
| | 44 | - | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | |
| | 45 | - | | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | | |
| | 46 | | | - | - | | | \vdash | | <u> </u> | | |
| | 47 | | - | \vdash | \vdash | - | \vdash | \vdash | | | | |
| | 47 | | \vdash | - | \vdash | <u> </u> | - | - | \vdash | | | |
| | 48 | | | | ├ | | | | | ├ | | |
| | # 9 | - | \vdash | <u> </u> | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | |
| | 50 | | Щ | Ц_ | | L | l | L_ | | <u>. </u> | | |

| | Claim | | Date | | | | | | | | | 1 |
|-----|-------------|----------------------------|----------|--------------|-------------------------------------|--------------|--|--|---------------------------|--------------|----------|----|
| ::: | | | | П | | | 1 | Ι- | | | F | 1 |
| | _ | Original | l | l | l | | | | | | | ľ |
| | Final | <u>.</u> Ę. | ŀ | | | | | 1 | | | | Ŀ |
| | iĒ | .≅' | | | | | | | 1 | | | ľ |
| | İ | 0 | | | | | l | ŀ | | | | i |
| | <u> </u> | | | ┝ | _ | | <u> </u> | | H | _ | | ŀ |
| ::: | | 51 52 53 | | | | | | <u> </u> | | | | ŀ |
| | | 52 | | | | | | | | | | i |
| | | 53 | | _ | | | 1 | | | | _ | 1 |
| ::: | — | 54 | | ⊢ | | | - | - | H | | | ł |
| | | 54 | | _ | <u> </u> | | | L_ | | | | ŀ |
| ::: | | 54 55 | | l | l | | | | ! | | | ŀ |
| - | | 56 | | | | | | | | | | ŀ |
| | | 57 | - | \vdash | | | 1 | \vdash | | | | ŀ |
| | | 57 58 | | ├ | ├— | - | - | ├─ | - | | | ŀ |
| | | 58 | | _ | | | Щ | | \perp | | | l |
| | | 59 | | | | | 1 | | | | | ŀ |
| | | 60 61 | | | | | | | | | | ŀ |
| | | 61 | | - | - | | | | <u> </u> | - | | ŀ |
| | | 01 | - | ├- | ├ | | | | - | - | | 1 |
| | | 62 | | <u> </u> | _ | | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш | _ | L. | 1 |
| | | 63 | | | | | 1 | | | | | ľ |
| | | 64 | | | | | П | | | | | 1 |
| | | 64 65 | Η- | \vdash | \vdash | | \vdash | \vdash | | \vdash | | ľ |
| | | 00 | | | | | ├_ | <u> </u> | - | <u> </u> | | ŀ |
| | | 66 | | <u> </u> | | | <u> </u> | | | L | | ı |
| Щ | | 66 67 | | | | | | | | | | ŀ |
| | | 68 | | _ | _ | | | | | _ | | 1 |
| | | 60 | | \vdash | \vdash | | \vdash | | \vdash | \vdash | ⊢ | ł |
| | L | 69 | <u> </u> | <u> </u> | ┡ | _ | ┡ | <u> </u> | <u> </u> | _ | <u> </u> | ŀ |
| | | 70 | | | | | | <u> </u> | | | | ŀ |
| | | 71 72 73 74 75 | | | | | | | | | | ŀ |
| | | 72 | | | | | | | — | | | 1 |
| | | 72 | \vdash | \vdash | ⊢ | | ⊢ | - | ┝ | \vdash | \vdash | ł |
| | | /3 | | <u> </u> | L | _ | | | $ldsymbol{ldsymbol{eta}}$ | _ | | l |
| | | 74 | 1 | | | | i | | | | | Ŀ |
| | | 75 | | _ | | | Γ | | | | | 1 |
| | | 76 | \vdash | \vdash | ╁ | - | | <u> </u> | | <u> </u> | | Ŀ |
| | | 70 | _ | ⊢ | \vdash | - | | - | | _ | - | l |
| | | 77 78 | $oxed{}$ | _ | <u> </u> | _ | _ | Ь. | L_ | _ | | ŀ |
| H | | 78 | | l | l | | L . | l | L | L. | | ŀ |
| | | 79 | | | | | | | | | | l |
| 111 | | 80 | - | | | | _ | | _ | | | ŀ |
| Ш | <u> </u> | 00 | ┝一 | | | | \vdash | | ├ | ├ | | l |
| Щ | | 81 | L | | | | <u> </u> | Ŀ | | | | l |
| | | 82 | | | ļ | | | | İ | | | ŀ |
| | | 83 | | | | | | | | | | i. |
| Ш | | 84 | _ | \vdash | | | | | | \vdash | | 1 |
| Ш | — | 0.5 | - | \vdash | - | | - | H | | | - | 1 |
| | | 85 | Ш | <u> </u> | <u> </u> | <u> </u> | _ | | _ | L | <u> </u> | l |
| | | 86 | L | L | L_ | L_ | L_ | | L | L_ | L | |
| | | 87 | | | | | | | | | | ŀ |
| H. | | 88 | | | _ | | | | Н | | \vdash | ŀ |
| | | 00 | | _ | ├ | | | ⊢ | - | \vdash | \vdash | ŀ |
| | | 89 | | | | <u> </u> | | | \Box | | | ŀ |
| | | 90 | | | | | ļ | | | | l | l |
| | | 91 | | | | | | | | | | l |
| | | 92 | _ | | \vdash | \vdash | \vdash | \vdash | _ | | \vdash | l |
| | | 92 | _ | | - | ├— | Ŀ | \vdash | _ | | ⊢ | l |
| | | 93 94 | | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _ | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _ | | <u> </u> | ľ |
| | | 94 | | Ī | | | | | | | | l |
| | | 95 | | | Г | | Г | | | | | 1 |
| | | 000 | | - | \vdash | - | ├- | - | \vdash | \vdash | \vdash | ŀ |
| | | 96 | | | | <u> </u> | ├ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | l |
| | L | 97 | | L | L | L | L | | | L | L | ľ |
| | | 98 99 | | | | | _ | | | | | l |
| | | 90 | | \vdash | \vdash | _ | | Т | _ | \vdash | Т | |
| | | 33 | | \vdash | - | | - | <u>-</u> | \vdash | _ | \vdash | ľ |
| ::: | | 100 | | Ι | | | L | i | | l | l | l |

| Cl | | | | [| Date | е — | | | | |
|---------------|--|--|----------|--|--------------|--|--|--|----------------|-----------------|
| | | | | | | | | | | |
| च | Original | | | | | | | | | |
| Final | igi | | | | | | | | | |
| ш. | ō | | | | | | | | | |
| | | | _ | | <u> </u> | - | - | _ | - | |
| | 101 102 | | | _ | _ | | <u> </u> | | | Щ |
| | 102 | | _ | _ | <u> </u> | <u> </u> | _ | _ | _ | Щ |
| | 103 | | | | | | | | | Щ |
| | 103 104 105 106 | | | | | | | | | |
| | 105 | | | | L | | | | | |
| | 106 | | | | | | | | | |
| | 107 | | | | | | | | | П |
| | 108 | | | | | | | | | |
| | 109 | _ | | | _ | _ | _ | | | |
| | 110 | | | | | \vdash | | | | П |
| | 111 | | | | | | | | | П |
| | 112 | | | | | \vdash | | \vdash | | П |
| | 111 112 113 | - | - | _ | _ | | | - | \vdash | М |
| \vdash | 114 | | | | - | | | \vdash | - | $\vdash \vdash$ |
| | 114 115 | <u> </u> | | _ | \vdash | \vdash | \vdash | \vdash | \vdash | Н |
| - | 116 | | | \vdash | \vdash | \vdash | | \vdash | \vdash | Н |
| | 117 | | \vdash | - | | \vdash | \vdash | | \vdash | Н |
| <u></u> | 112 | | | - | - | - | | | - | $\vdash \vdash$ |
| | 110 | - | | - | _ | ├- | ├- | \vdash | ⊢ | Н |
| | 119 | | | | ┝ | - | _ | <u> </u> | <u> </u> | Н |
| <u> </u> | 120 | | | | | <u> </u> | <u> </u> | <u> </u> | \vdash | Н |
| ļ | 121 | | _ | _ | _ | _ | | <u> </u> | | _ |
| | 118 119 120 121 122 123 124 | | | _ | _ | <u> </u> | <u> </u> | <u> </u> | _ | Щ |
| | 123 | | | | _ | | | _ | _ | |
| | 124 | | | | _ | | | L | <u> </u> | |
| | 125 126 127 128 129 130 131 132 | | | L. | | L_ | L_ | L | | Ш |
| <u> </u> | 126 | | _ | _ | _ | | ļ | _ | | |
| | 127 | | | _ | _ | _ | <u> </u> | | | |
| | 128 | | | L | | | _ | <u>L</u> . | | |
| Ĺ | 129 | | | | | | | | | |
| | 130 | | | | | | | | | |
| | 131 | | | | | | | | | |
| | 132 | | | | | | | | | |
| | 133 | | | | | | | | | |
| | 133 | | | | | | | | | |
| | 135 | | | Г | | | | | | П |
| | 136 | - | | - | - | Г | Г | | | |
| | 136 137 | _ | _ | _ | | | | | | \vdash |
| | 138 | | _ | \vdash | - | | т | | | Н |
| | 139 | Н | \vdash | | | - | Ι | | \vdash | Н |
| <u> </u> | 140 | - | _ | _ | - | \vdash | \vdash | | | \vdash |
| | 141 | \vdash | ├ | | | \vdash | Н | \vdash | | \vdash |
| \vdash | 142 | \vdash | - | \vdash | | \vdash | Н | \vdash | \vdash | Н |
| | 143 | - | <u> </u> | H- | | ┢ | H | - | - | $\vdash \vdash$ |
| | 144 | - | <u> </u> | \vdash | | \vdash | H | \vdash | | \vdash |
| | | | | | H | \vdash | \vdash | \vdash | | \vdash |
| | 145 | - | - | \vdash | | - | | <u> </u> | - | $\vdash \vdash$ |
| <u> </u> | 146 | | | \vdash | | H | | ┞— | <u> </u> | $\vdash \dashv$ |
| | 147 | Ь | - | L., | ļ | L_ | Ь | <u> </u> | <u> </u> | Н |
| lacksquare | 148 | L | <u> </u> | Щ | <u> </u> | <u> </u> | L | <u> </u> | <u> </u> | $\vdash \dashv$ |
| | 149 | _ | <u></u> | <u> </u> | _ | | Ц. | <u>_</u> | <u> </u> | Щ |
| لــــــا | 150 | L | L., | | L | Ш. | | Ш. | L_ | L.J |
| _ | | | | | | | | | | |